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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/426,878	10/26/1999	JUN HORIYAMA	35.C13969	2477

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EXAMINER

NGUYEN, PHUOC H

ART UNIT PAPER NUMBER

2143

DATE MAILED: 04/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/426,878

Applicant(s)

HORIYAMA, JUN

Examiner

Phuoc H Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 27 January 2005.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☐ Claim(s) 24,26,27,29-33,35,36,38-41,51,53,54 and 56-59 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 24,26,27,29-33,35,36,38-41,51,53,54 and 56-59 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Response to Amendment***

1. This office action is in response to the applicants Amendment filed on January 27, 2005. Claims 24, 29, 31-33, 38, 40, 41, 51, 53, 54, 56, 58, and 59 have been amended, and claims 25, 34, and 52 have been cancelled. Claims 24, 26, 27, 29-33, 35, 36, 38-41, 51, 53, 54, and 56-59 are presented for further consideration and examination.

### ***Response to Arguments***

2. Applicant's arguments with respect to claims 24, 31-33, 40, 41, 51, 58, and 59 have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 24, 26, 27, 29-33, 35, 36, 38-41, 51, 53, 54, and 56-59 rejected under 35 U.S.C. 103(a) as being unpatentable over Hiraike et al. (Hereafter, Hiraike '718) U.S. Patent 5,995,718 in view of Hiraike (Hereafter, Hiraike '693) U.S. Patent 6,310,693.

5. Regarding claims 24,31,32,33,40,41,51,58, and 59, Hiraike '718 discloses a reference unit adapted to refer to font registration information that includes information specifying at least

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one font registered in a printing apparatus (col. 7, lines 54 through col. 8, lines 2); a font registration unit adapted to download font data to any one of plurality of printing apparatuses for registration (e.g. it would have been obvious for the font data to be download to a single printer and it can be download to a plurality of printers as well; col. 8, lines 16-36); and a management unit adapted to retain the font registration information irrespective of a printing process, indicating the font data downloaded to the printing apparatus font registration unit (col. 13, lines 63 through col. 14, lines 6). For clarification purposes figure 14 showing the details of the font (character code) registration process. First registration management table determine whether the character code (font) has been registered or not. If it is already registered transferred the register code to the printer. If not registered, it will check to see whether it has a sufficient capacity, if so the character is transferred to the printer and renewed the registration management table (col. 9, lines 24-63); however, Hiraike '718 fails to teach the font data registered to a plurality of printers; and an instruction unit adapted to issue a delete instruction to any one of the plurality of printing apparatuses to delete the font data that corresponds to one of the fonts discriminated based on the font registration information.

Hiraike '693 teaches an instruction unit adapted to issue a delete instruction to any one of the plurality of printing apparatuses to delete the font data that corresponds to one of the fonts discriminated based on the font registration information (Figure 10; and col. 10 lines 25-60).

It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to incorporate Hiraike '693 teaching into Hiraike '718 method to provide a system of capable of deleting the registered font by issuing the delete command to reduce the overhead in processing.

6. Referring to claims 26,35, and 53, Hiraike '718 reference discloses a specifying unit adapted to specify information on a font to be downloaded, based on the font registration information referred to by said reference unit (col. 12, lines 28-45).

Referring to claims 27,36, and 54, Hiraike '718 reference discloses font registration unit collectively downloads the font data to a printing apparatus for registration (col. 9, lines 17-19).

7. Referring to claims 29,38, and 56, Hiraike '718 reference discloses wherein the font registration information indicates a printer name and a font name in combination for each of a plurality of printing apparatuses, wherein said specifying unit specifies information on a font to be downloaded to each printing apparatus, based on the font registration information, and wherein said font registration unit collectively downloads the font data to the plurality of printing apparatuses for registration, in response to the specification of the information by said specifying unit (Figure 18; col. 5, lines 66 through col. 6, lines 7; col. 9, lines 17-21; and col. 12, lines 28-45).

8. Referring to claims 30,39, and 57, Hiraike '718 reference discloses the font registration information includes information that indicates a printer name and a font name (Figure 18; col. 5, lines 66 through col. 6, lines 7).

### *Conclusion*

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Webb et al. U.S. Patent 5,727,135

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuoc H Nguyen whose telephone number is 571-272-3919. The examiner can normally be reached on Monday - Friday.

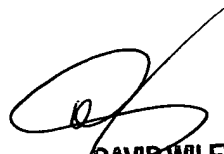
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Phuoc H Nguyen  
Examiner  
Art Unit 2143

April 11, 2005



DAVID WILEY  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100